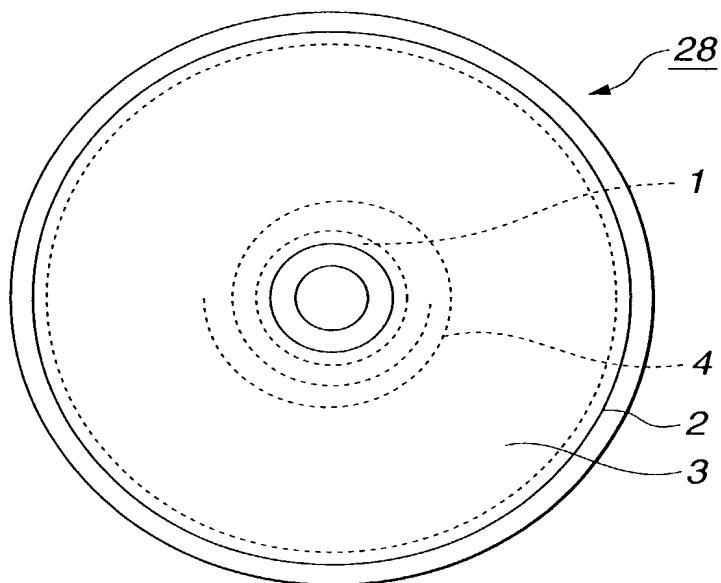
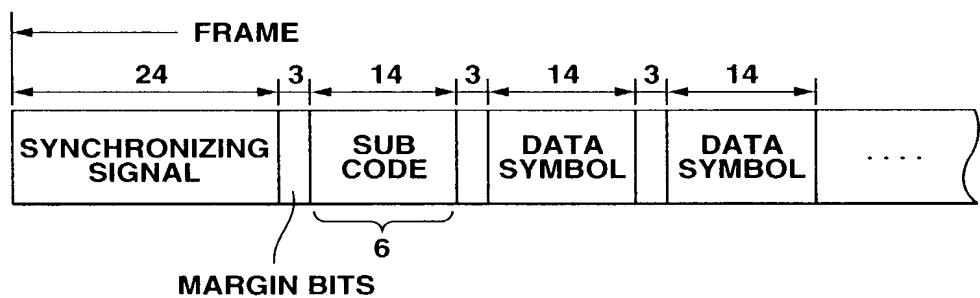
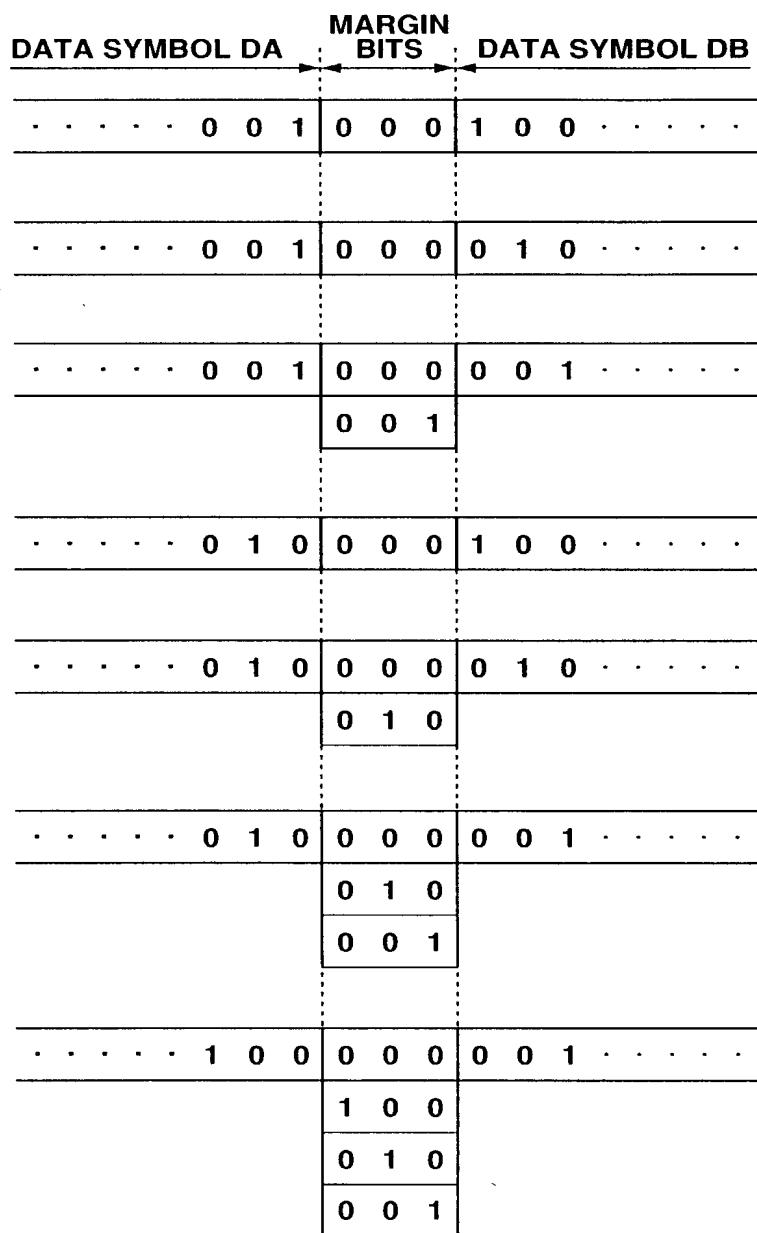


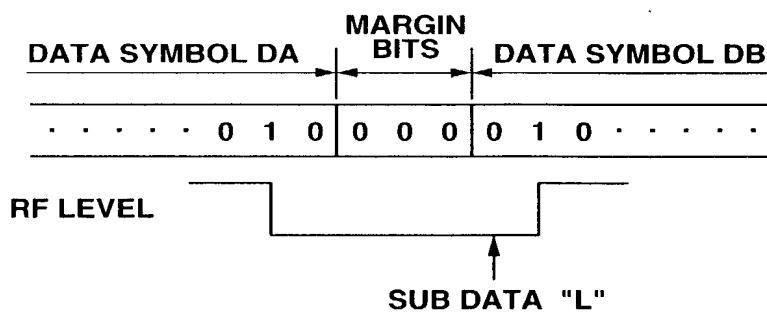
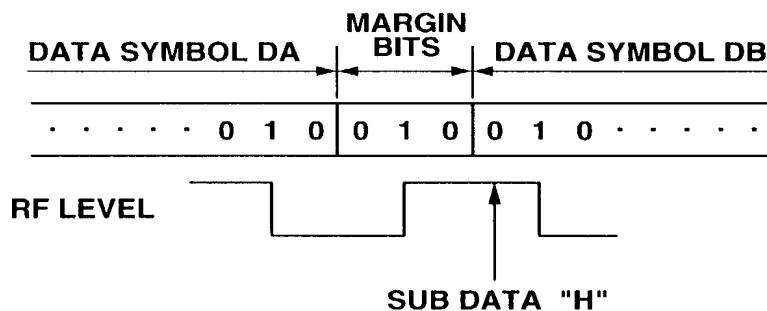
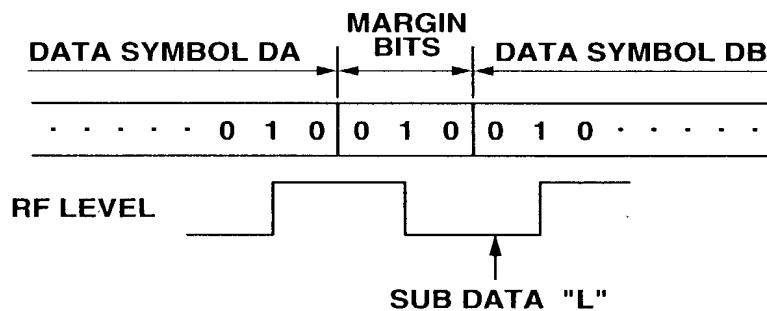
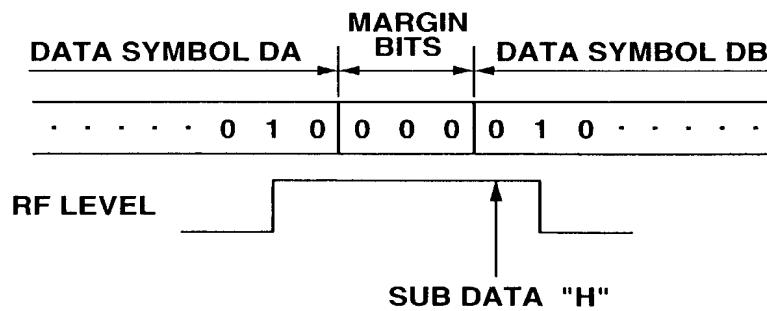
FIG.1

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**FIG.2****FIG.3**

**FIG.4A****FIG.4B****FIG.4C****FIG.4D****FIG.4E****FIG.4F****FIG.4G**

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**FIG.5A****FIG.5B****FIG.5C****FIG.5D**

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MEDIUM TYPE (DISC TYPE)	RF LEVEL "L"	RF LEVEL "H"
ROM-TYPE (REPRODUCTION ONLY)	0	1
RAM-TYPE (CD-R/CD-RW)	1	0

FIG.6

MEDIUM TYPE (DISC TYPE)	DATA PORTION FOR RECORDING SUB DATA
ROM-TYPE (REPRODUCTION ONLY)	DATA PORTION SUCH THAT ALL-0 IS FOLLOWED BY ALL-0 IN 8-BIT DATA BEFORE EFM
RAM-TYPE (CD-R/CD-RW)	DATA PORTION SUCH THAT ALL-0 IS FOLLOWED BY ALL-1 IN 8-BIT DATA BEFORE EFM

FIG.7

10069538 061302  
10/069538

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MEDIUM TYPE (DISC TYPE)	SUB CODE AREA OF EACH FRAME
ROM-TYPE	PATTERN A
CD-R-TYPE	PATTERN B
CD-RW-TYPE	PATTERN C

**FIG.8**

MEDIUM TYPE (DISC TYPE)	SUB DATA EMBEDDING PATTERN $\left( \begin{array}{c} \text{---} \Rightarrow "1" \\ \text{---} \Rightarrow "0" \end{array} \right)$
ROM-TYPE	"H" --- --- --- --- "L" --- --- --- ---
CD-R-TYPE	"H" --- --- --- --- "L" --- --- --- ---
CD-RW-TYPE	"H" --- --- --- --- "L" --- --- --- ---

**FIG.9**

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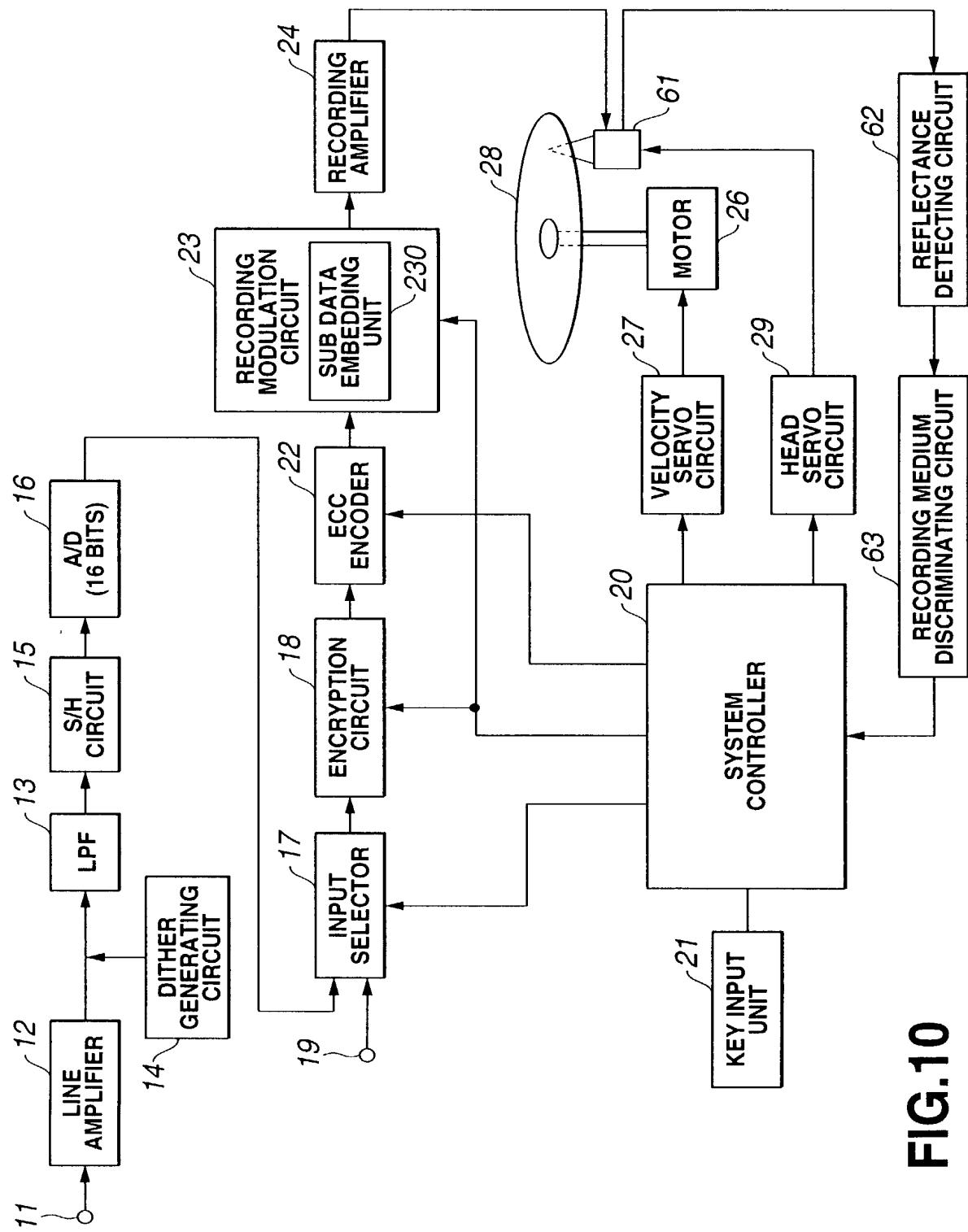


FIG.10

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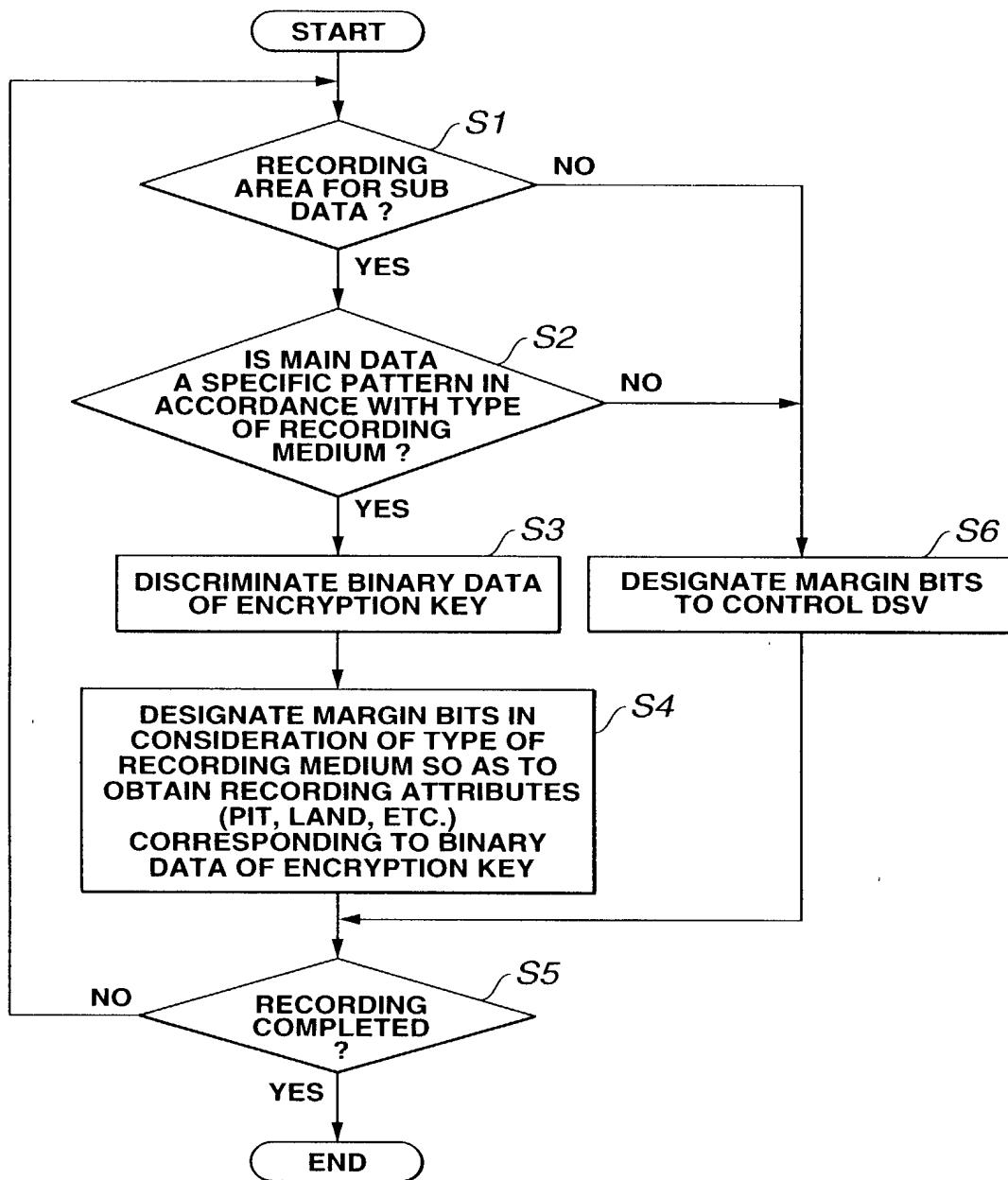


FIG.11

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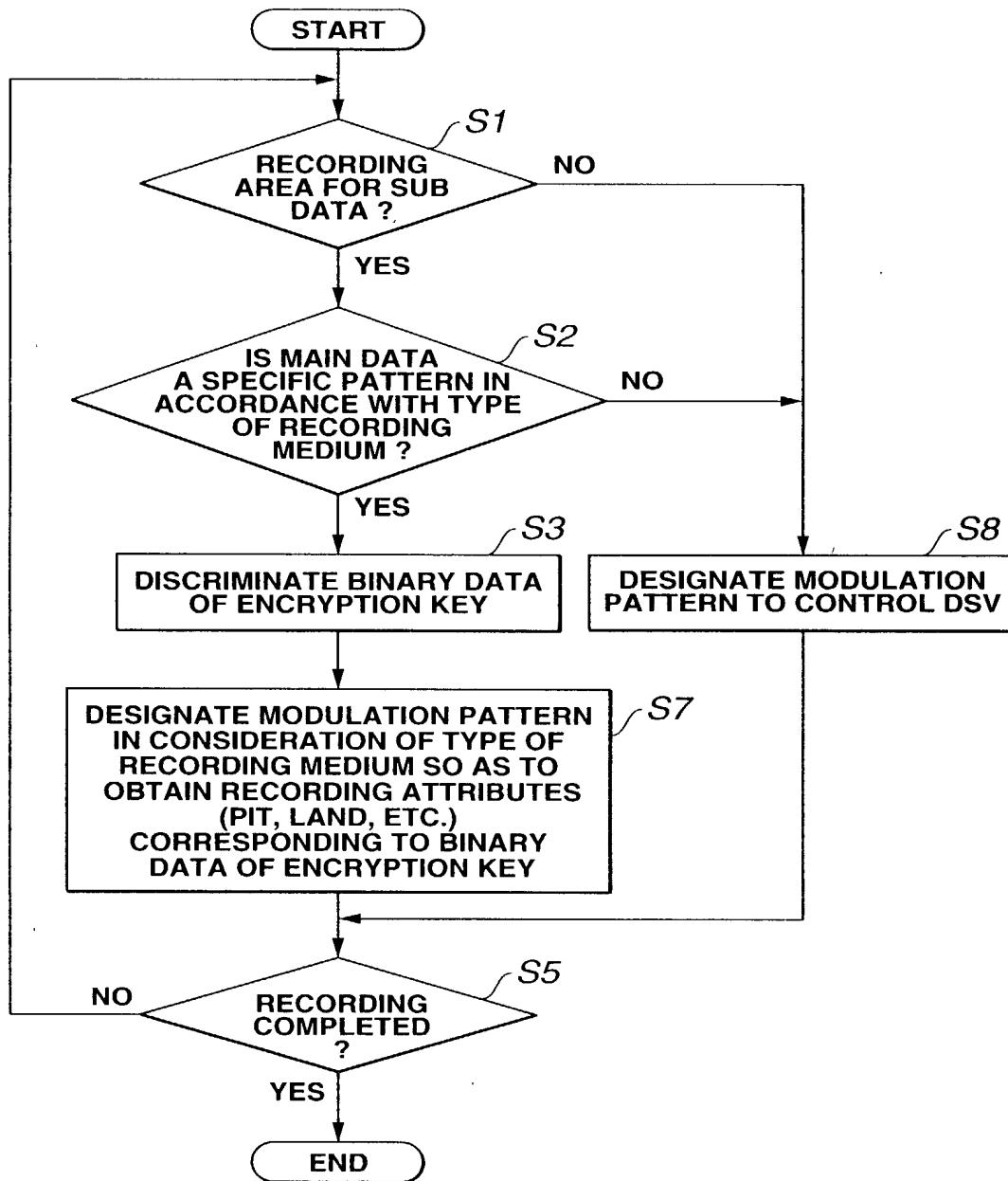
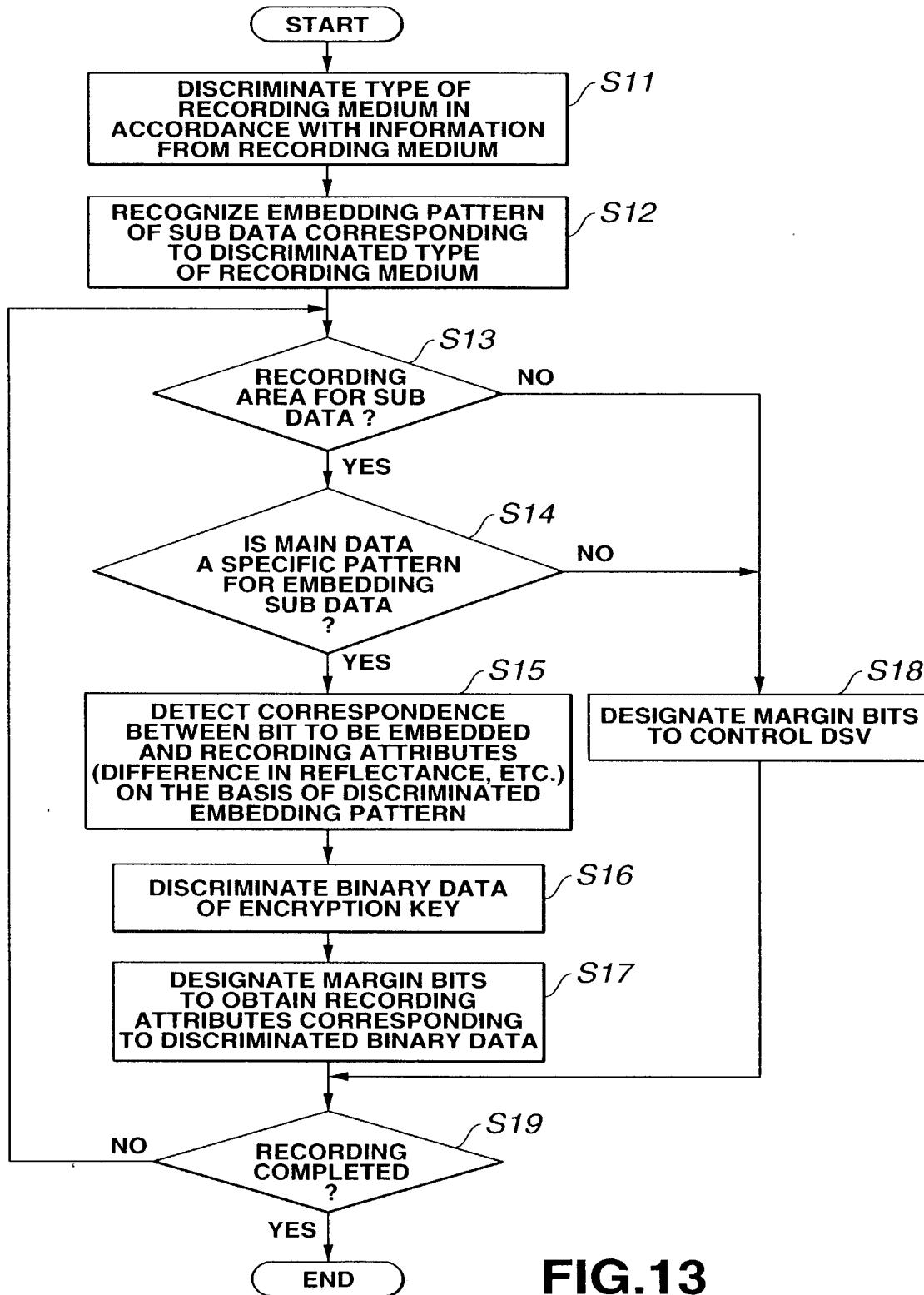


FIG.12

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**FIG.13**

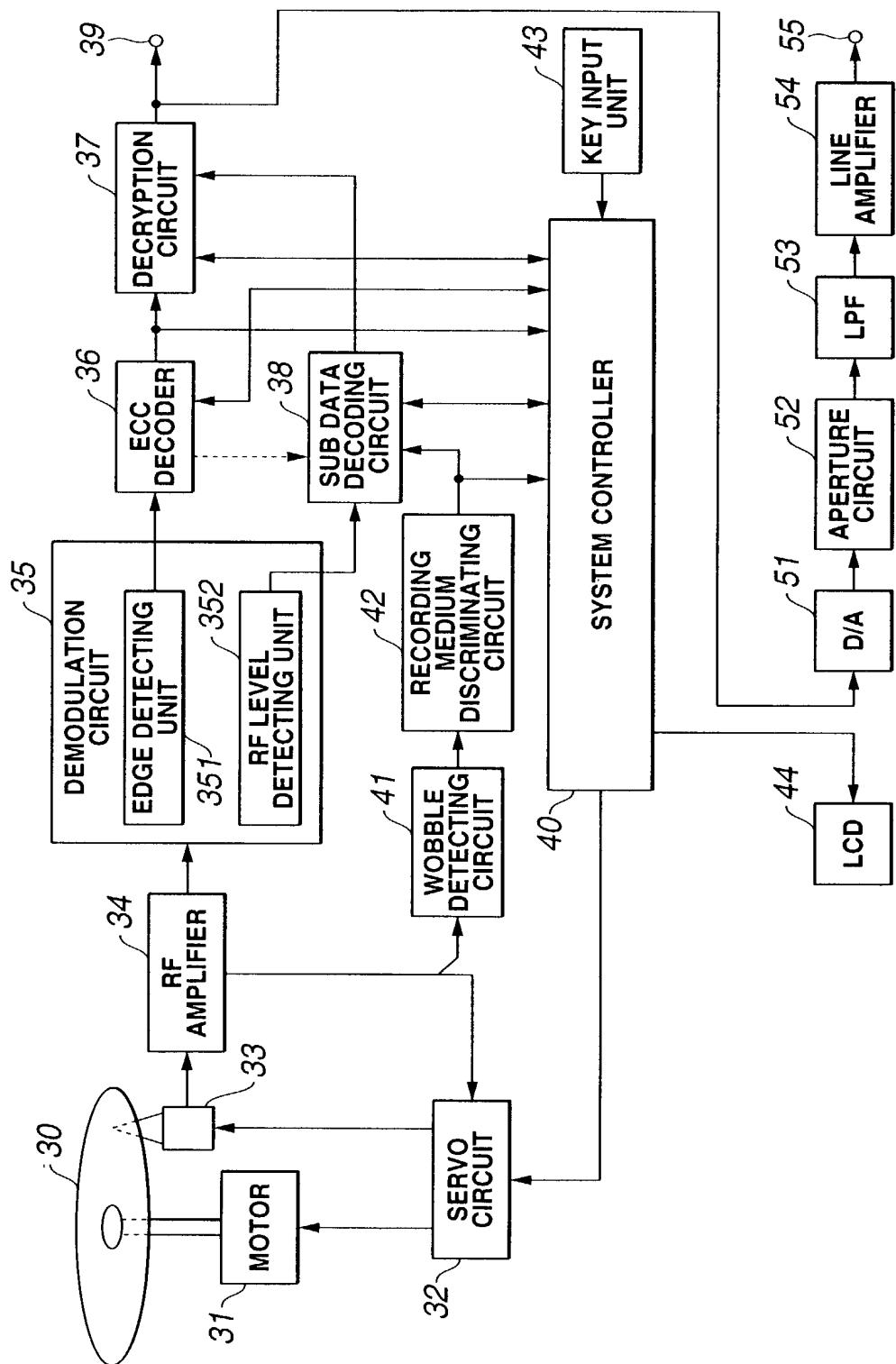


FIG.14

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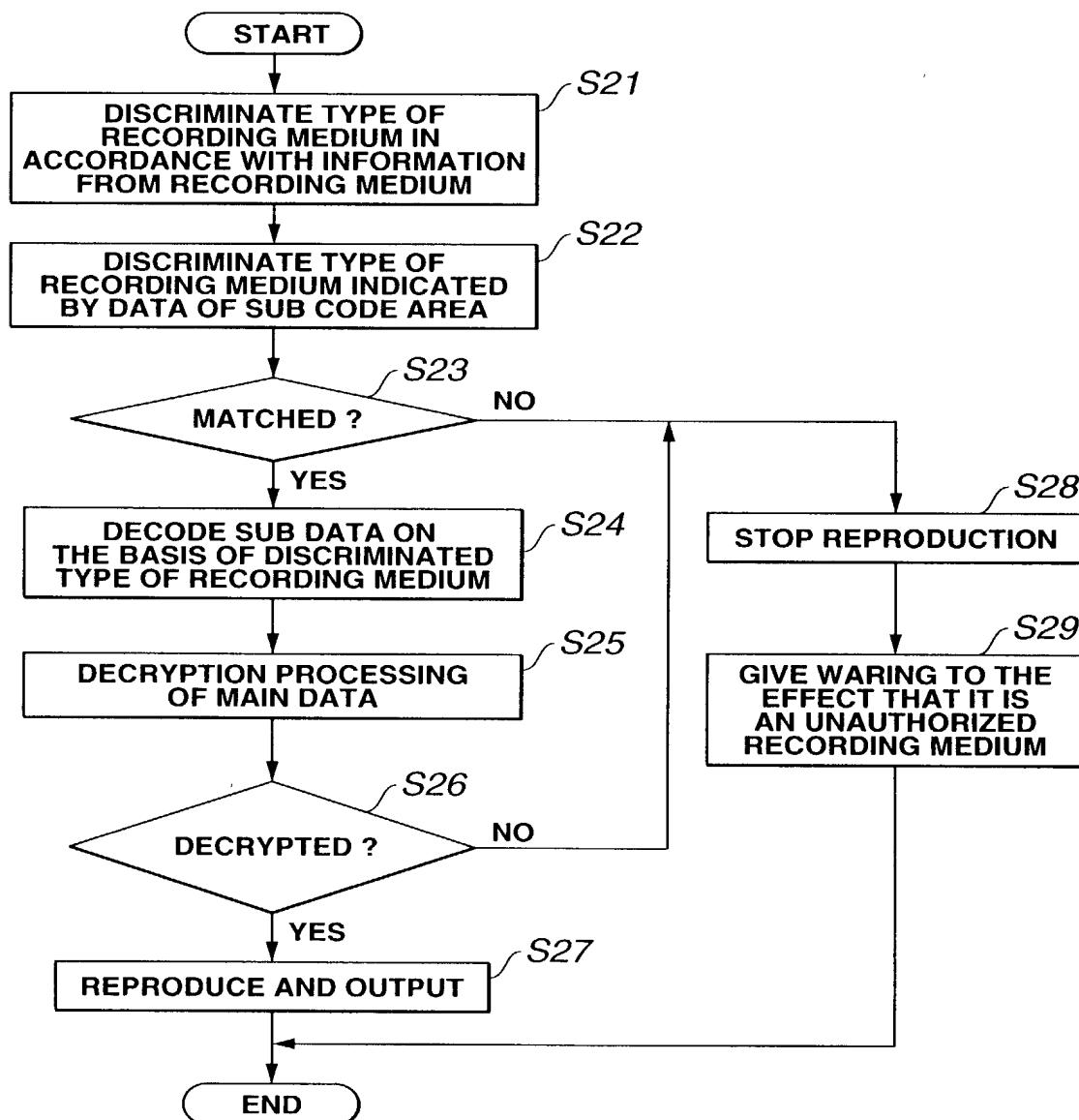


FIG.15

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TYPE OF MAIN DATA (ORIGINAL/COPY)	RF LEVEL "L"	RF LEVEL "H"
ORIGINAL	0	1
COPY	1	0

FIG.16

TYPE OF MAIN DATA (ORIGINAL/COPY)	DATA PORTION FOR RECORDING SUB DATA
ORIGINAL	DATA PORTION SUCH THAT ALL-0 IS FOLLOWED BY ALL-0 IN 8-BIT DATA BEFORE EFM
COPY	DATA PORTION SUCH THAT ALL-0 IS FOLLOWED BY ALL-1 IN 8-BIT DATA BEFORE EFM

FIG.17

10069538 10613822  
10/069538

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TYPE OF MAIN DATA (ORIGINAL/COPY)	SUB CODE AREA OF EACH FRAME
ORIGINAL	PATTERN A
COPY	PATTERN B

**FIG.18**

TYPE OF MAIN DATA (ORIGINAL/COPY)	SUB DATA EMBEDDING PATTERN $\left( \begin{array}{c} \text{---} \rightarrow "1" \\ \text{---} \rightarrow "0" \end{array} \right)$
ORIGINAL	"H" $\text{---}$ $\text{---}$ $\text{---}$ "L" $\text{---}$ $\text{---}$ $\text{---}$
COPY	"H" $\text{---}$ $\text{---}$ $\text{---}$ "L" $\text{---}$ $\text{---}$ $\text{---}$

**FIG.19**

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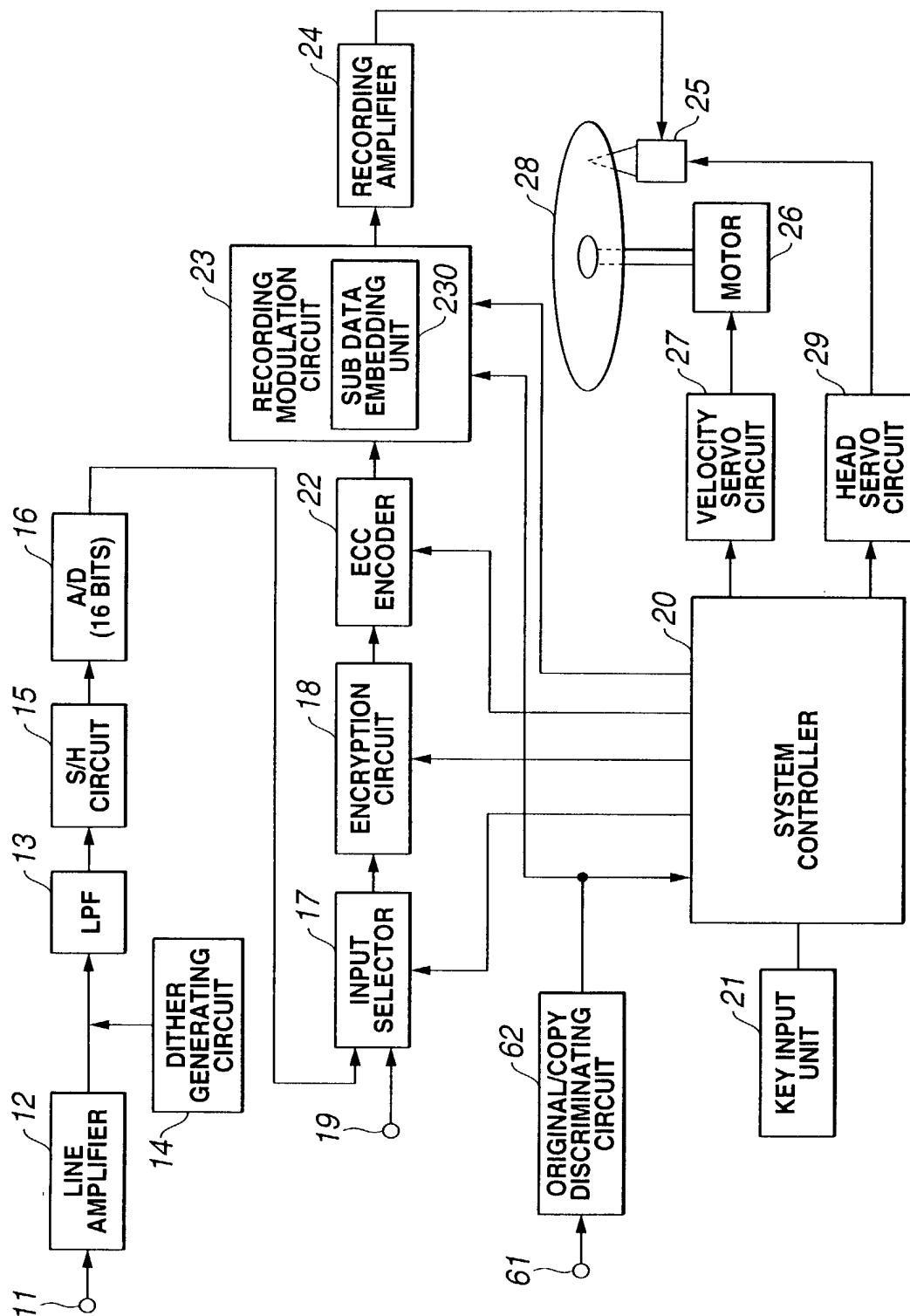


FIG.20

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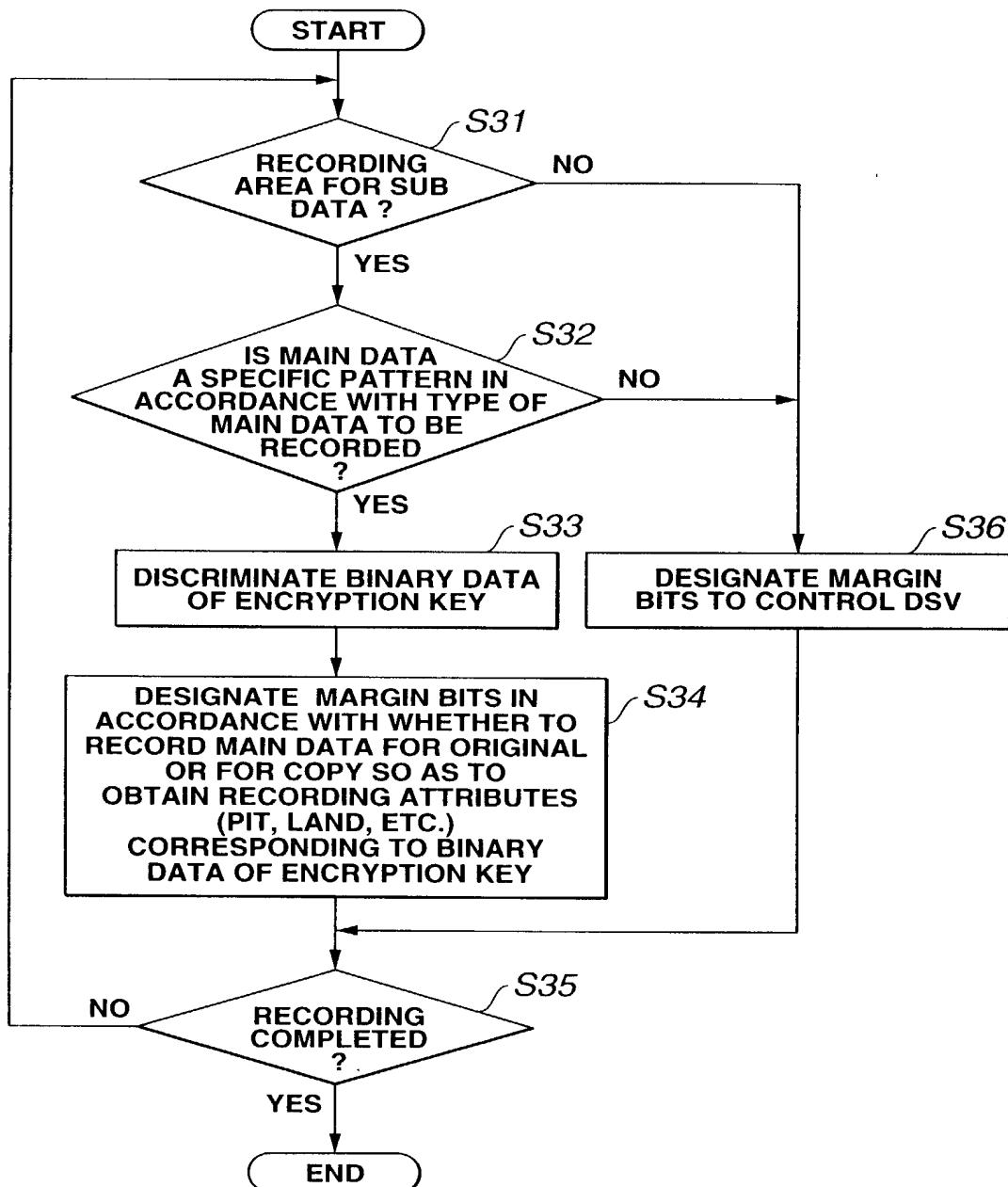


FIG.21

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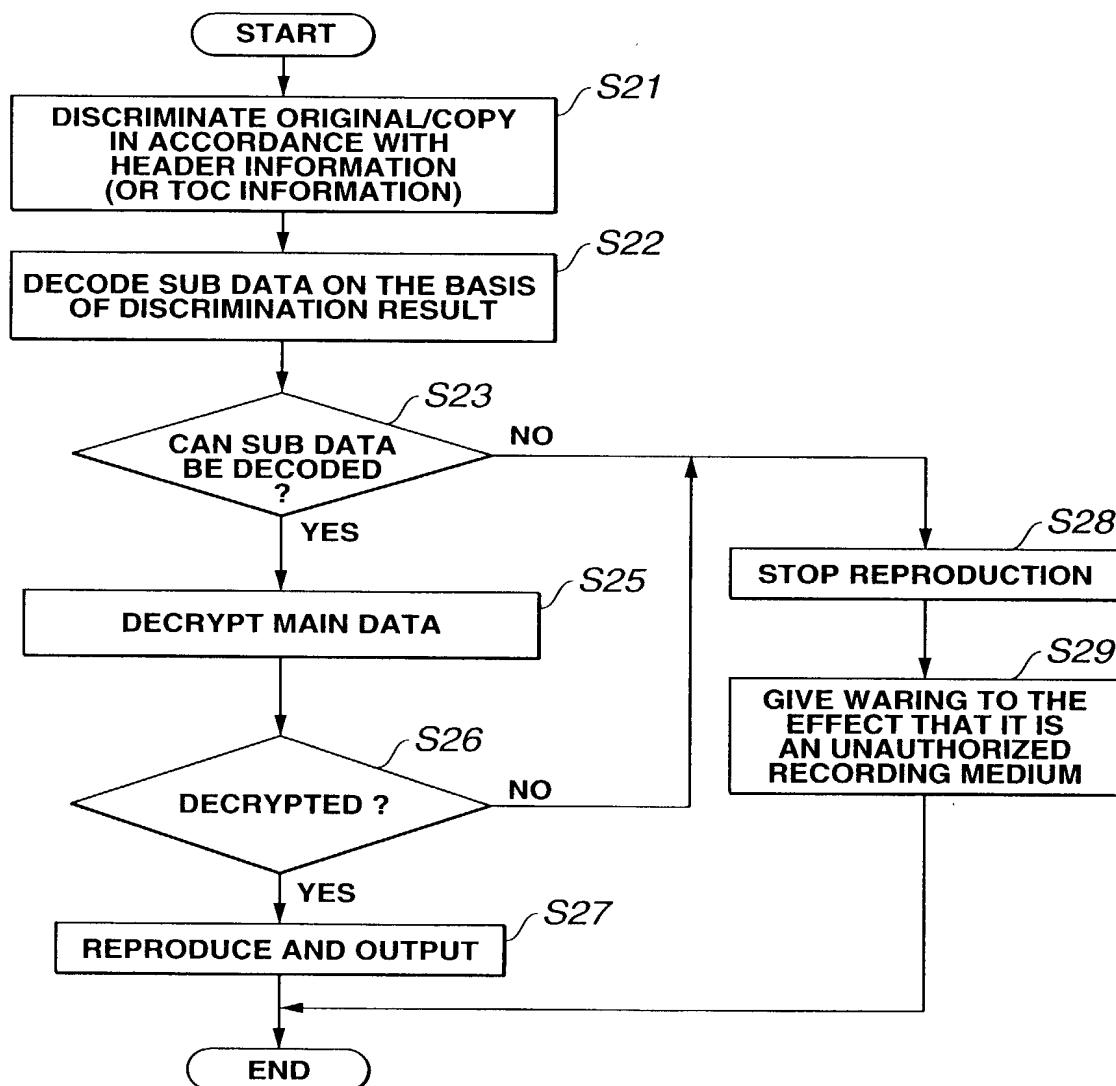


FIG.22

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TYPE	SUB DATA EMBEDDING PATTERN ( — → "1" - - - → "0")
ORIGINAL ROM	"H" — - - - - "L" - - - — - - -
ORIGINAL R/RW	"H" — - - - - - "L" - - - — - - -
COPY ROM	"H" - - - - - - - "L" — — — — - -
COPY R/RW	"H" - - - - - - - "L" — — — — - -

FIG.23